	GenCore version 5.1.6						
	Copyright (c) 1993 - 2004 Compugen Ltd.						

OM nucleic - nucleic search, using sw model

Run on:　　　January 7, 2004, 01:47:37 ; Search time 74.3788 Seconds
(without alignments)
6527.684 Million cell updates/sec

Title:　　**US-09-904-568-1**
Perfect score: 1100
Sequence:　　　1 gcacgagccacagccagcta..........attaaaaaaaaaaaaaaaaa 1100

Scoring table: IDENTITY_NUC
　　　Gapop 10.0 , Gapext 1.0

Searched:　　　569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters:　　　718022

Minimum DB seq length: 12
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
　　　Maximum Match 100%
　　　Listing first 65000 summaries

Database :　　**Issued_Patents_NA:***
　　　1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
　　　2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
　　　3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
　　　4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
　　　5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
　　　6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

　　Pred. No. is the number of results predicted by chance to have a
　　score greater than or equal to the score of the result being printed,
　　and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	S/L
c 605	17	1.5	17	3	US-08-851	1
c 606	17	1.5	17	3	US-09-250	1
c 607	17	1.5	17	3	US-08-854	1
c 608	17	1.5	17	4	US-09-430	1
609	17	1.5	17	4	US-09-619	1
c 610	17	1.5	17	4	US-09-726	1
c1604	16	1.5	16	1	US-07-971	1
c1605	16	1.5	16	1	US-07-971	1
c1606	16	1.5	16	1	US-07-971	1
c1607	16	1.5	16	1	US-08-415	1
c1608	16	1.5	16	2	US-08-687	1
c1609	16	1.5	16	3	US-09-141	1
1610	16	1.5	16	3	US-08-851	1
1611	16	1.5	16	3	US-08-854	1
1612	16	1.5	16	4	US-09-430	1

c1613	16	1.5	16	4	US-09-507	1	
1614	16	1.5	16	4	US-09-619	1	
c1615	16	1.5	16	4	US-09-739	1	
2824	15	1.4	15	1	US-08-452	1	
c2825	15	1.4	15	1	US-07-971	1	
2826	15	1.4	15	1	US-08-756	1	
c2827	15	1.4	15	1	US-08-663	1	
2828	15	1.4	15	1	US-08-663	1	
c2829	15	1.4	15	2	US-08-292	1	
c2830	15	1.4	15	2	US-08-292	1	
c2831	15	1.4	15	2	US-08-771	1	
2832	15	1.4	15	2	US-08-771	1	
c2833	15	1.4	15	2	US-08-358	1	
2834	15	1.4	15	2	US-08-358	1	
c2835	15	1.4	15	2	US-08-922	1	
2836	15	1.4	15	2	US-08-863	1	
c2837	15	1.4	15	2	US-08-863	1	
c2838	15	1.4	15	3	US-08-693	1	
c2839	15	1.4	15	3	US-08-832	1	
c2840	15	1.4	15	3	US-09-183	1	
c2841	15	1.4	15	3	US-09-071	1	
c2842	15	1.4	15	3	US-09-071	1	
2843	15	1.4	15	3	US-09-167	1	
c2844	15	1.4	15	4	US-08-150	1	
2845	15	1.4	15	4	US-08-150	1	
c2846	15	1.4	15	4	US-08-108	1	
2847	15	1.4	15	4	US-08-108	1	
2848	15	1.4	15	4	US-09-619	1	
c2849	15	1.4	15	4	US-09-300	1	
6094	14	1.3	14	2	US-08-173	1	
c6095	14	1.3	14	2	US-08-173	1	
c6096	14	1.3	14	3	US-08-832	1	
c6097	14	1.3	14	3	US-08-724	1	
c6098	14	1.3	14	4	US-08-882	1	
c6099	14	1.3	14	4	US-09-462	1	
6100	14	1.3	14	4	US-09-619	1	
c6101	14	1.3	14	6	5453496-4	1	
6102	14	1.3	14	6	5453496-5	1	
c14577	13	1.2	13	1	US-08-745	1	
c14578	13	1.2	13	1	US-08-745	1	
14579	13	1.2	13	3	US-09-305	1	
14580	13	1.2	13	3	US-09-068	1	
c14581	13	1.2	13	4	US-09-352	1	
c14582	13	1.2	13	4	US-09-799	1	
14583	13	1.2	13	4	US-09-619	1	
c14584	13	1.2	13	4	US-10-002	1	
37211	12	1.1	12	1	US-08-004	1	
37212	12	1.1	12	1	US-08-004	1	
37213	12	1.1	12	1	US-08-115	1	
c37214	12	1.1	12	1	US-08-115	1	
c37215	12	1.1	12	1	US-08-214	1	
c37216	12	1.1	12	1	US-08-214	1	
c37217	12	1.1	12	1	US-08-214	1	
c37218	12	1.1	12	1	US-08-214	1	
37219	12	1.1	12	1	US-08-214	1	
c37220	12	1.1	12	1	US-08-284	1	
c37221	12	1.1	12	1	US-08-284	1	
c37222	12	1.1	12	1	US-08-284	1	
c37223	12	1.1	12	1	US-08-335	1	
37224	12	1.1	12	1	US-08-413	1	

37225	12	1.1	12	1	US-08-413	1	
37226	12	1.1	12	1	US-08-413	1	
c37227	12	1.1	12	1	US-08-509	1	
37228	12	1.1	12	1	US-08-509	1	
37229	12	1.1	12	1	US-08-466	1	
c37230	12	1.1	12	1	US-08-466	1	
c37231	12	1.1	12	2	US-08-821	1	
c37232	12	1.1	12	2	US-08-358	1	
37233	12	1.1	12	2	US-08-358	1	
37234	12	1.1	12	2	US-08-467	1	
37235	12	1.1	12	2	US-08-467	1	
37236	12	1.1	12	2	US-08-467	1	
c37237	12	1.1	12	2	US-08-509	1	
c37238	12	1.1	12	2	US-08-509	1	
c37239	12	1.1	12	2	US-08-509	1	
c37240	12	1.1	12	2	US-08-509	1	
c37241	12	1.1	12	2	US-08-509	1	
37242	12	1.1	12	2	US-08-509	1	
c37243	12	1.1	12	3	US-08-910	1	
c37244	12	1.1	12	3	US-08-805	1	
c37245	12	1.1	12	3	US-09-126	1	
c37246	12	1.1	12	3	US-09-378	1	
c37247	12	1.1	12	3	US-09-187	1	
c37248	12	1.1	12	3	US-09-187	1	
37249	12	1.1	12	3	US-09-282	1	
c37250	12	1.1	12	3	US-09-282	1	
37251	12	1.1	12	3	US-09-222	1	
c37252	12	1.1	12	3	US-09-222	1	
c37253	12	1.1	12	3	US-09-068	1	
37254	12	1.1	12	4	US-09-352	1	
c37255	12	1.1	12	4	US-09-411	1	
c37256	12	1.1	12	4	US-09-411	1	
c37257	12	1.1	12	4	US-09-288	1	
c37258	12	1.1	12	4	US-09-569	1	
37259	12	1.1	12	4	US-09-799	1	
37260	12	1.1	12	4	US-09-619	1	
37261	12	1.1	12	4	US-10-002	1	
37262	12	1.1	12	5	PCT-US92	1	
37263	12	1.1	12	5	PCT-US92	1	
c 611	17	1.5	18	1	US-08-621	0.944444	
612	17	1.5	18	2	US-08-346	0.944444	
c 613	17	1.5	18	2	US-08-358	0.944444	
614	17	1.5	18	2	US-08-358	0.944444	
c 615	17	1.5	18	2	US-08-469	0.944444	
c 616	17	1.5	18	3	US-08-295	0.944444	
c 617	17	1.5	18	3	US-08-884	0.944444	
618	17	1.5	18	3	US-08-941	0.944444	
c 619	17	1.5	18	4	US-09-545	0.944444	
620	17	1.5	18	4	US-09-619	0.944444	
c 621	17	1.5	18	5	PCT-US94	0.944444	
c11971	13.2	1.2	14	4	US-09-300	0.942857	
c1616	16	1.5	17	3	US-08-821	0.941176	
c1617	16	1.5	17	4	US-09-290	0.941176	
c1618	16	1.5	17	4	US-08-584	0.941176	
c1619	16	1.5	17	4	US-08-584	0.941176	
c1620	16	1.5	17	4	US-09-300	0.941176	
c1621	16	1.5	17	4	US-09-371	0.941176	
c1622	16	1.5	17	4	US-09-371	0.941176	
c30599	12.2	1.1	13	1	US-08-351	0.938462	
c30600	12.2	1.1	13	1	US-08-430	0.938462	

c30601	12.2	1.1	13	2	US-08-684	0.938462	
c30602	12.2	1.1	13	5	PCT-US93	0.938462	
c2850	15	1.4	16	4	US-09-507	0.9375	
c2851	15	1.4	16	4	US-09-507	0.9375	
c2852	15	1.4	16	4	US-09-507	0.9375	
c2853	15	1.4	16	4	US-09-507	0.9375	
c2854	15	1.4	16	4	US-09-507	0.9375	
c2855	15	1.4	16	4	US-09-507	0.9375	
c2856	15	1.4	16	4	US-09-739	0.9375	
c2857	15	1.4	16	4	US-09-739	0.9375	
c2858	15	1.4	16	4	US-09-739	0.9375	
c2859	15	1.4	16	4	US-09-739	0.9375	
c2860	15	1.4	16	4	US-09-739	0.9375	
c2861	15	1.4	16	4	US-09-739	0.9375	
c 308	17.8	1.6	19	3	US-08-973	0.936842	
6103	14	1.3	15	1	US-08-452	0.933333	
6104	14	1.3	15	1	US-08-452	0.933333	
c6105	14	1.3	15	2	US-08-292	0.933333	
c6106	14	1.3	15	2	US-08-292	0.933333	
6107	14	1.3	15	2	US-08-863	0.933333	
c6108	14	1.3	15	3	US-08-832	0.933333	
c6109	14	1.3	15	3	US-08-832	0.933333	
c6110	14	1.3	15	3	US-08-832	0.933333	
c6111	14	1.3	15	3	US-09-071	0.933333	
c6112	14	1.3	15	3	US-09-071	0.933333	
c6113	14	1.3	15	4	US-09-475	0.933333	
c14585	13	1.2	14	1	US-08-332	0.928571	
c14586	13	1.2	14	3	US-08-832	0.928571	
c14587	13	1.2	14	3	US-08-832	0.928571	
c14588	13	1.2	14	3	US-08-832	0.928571	
c14589	13	1.2	14	3	US-08-724	0.928571	
c14590	13	1.2	14	3	US-08-724	0.928571	
c14591	13	1.2	14	3	US-08-724	0.928571	
c14592	13	1.2	14	3	US-08-893	0.928571	
c14593	13	1.2	14	3	US-08-991	0.928571	
c14594	13	1.2	14	4	US-08-882	0.928571	
c14595	13	1.2	14	4	US-08-882	0.928571	
c14596	13	1.2	14	4	US-08-882	0.928571	
c14597	13	1.2	14	4	US-09-062	0.928571	
c14598	13	1.2	14	4	US-09-598	0.928571	
c14599	13	1.2	14	4	US-09-370	0.928571	
c14600	13	1.2	14	4	US-09-475	0.928571	
c14601	13	1.2	14	4	US-09-151	0.928571	
c14602	13	1.2	14	4	US-09-151	0.928571	
c14603	13	1.2	14	4	US-09-289	0.928571	
c37264	12	1.1	13	1	US-08-463	0.923077	
c37265	12	1.1	13	1	US-08-678	0.923077	
c37266	12	1.1	13	2	US-08-480	0.923077	
c37267	12	1.1	13	2	US-08-616	0.923077	
c37268	12	1.1	13	2	US-08-599	0.923077	
c37269	12	1.1	13	2	US-08-485	0.923077	
c37270	12	1.1	13	3	US-08-944	0.923077	
c37271	12	1.1	13	3	US-08-944	0.923077	
c37272	12	1.1	13	3	US-08-826	0.923077	
c37273	12	1.1	13	3	US-08-925	0.923077	
c37274	12	1.1	13	3	US-08-944	0.923077	
c37275	12	1.1	13	3	US-08-944	0.923077	
c37276	12	1.1	13	3	US-08-925	0.923077	
c37277	12	1.1	13	3	US-08-925	0.923077	
c37278	12	1.1	13	4	US-09-349	0.923077	

c37279	12	1.1	13	4	US-09-349	0.923077
37280	12	1.1	13	4	US-09-475	0.923077
c37281	12	1.1	13	4	US-09-372	0.923077
c37282	12	1.1	13	4	US-08-825	0.923077
c1365	16.4	1.5	18	4	US-09-637	0.911111
c 504	17.2	1.6	19	3	US-08-881	0.905263
c 505	17.2	1.6	19	3	US-09-292	0.905263
506	17.2	1.6	19	3	US-09-130	0.905263
c 248	18	1.6	20	1	US-07-912	0.9
c 249	18	1.6	20	1	US-08-285	0.9
c 250	18	1.6	20	1	US-08-313	0.9
c 251	18	1.6	20	2	US-08-502	0.9
c 252	18	1.6	20	3	US-08-482	0.9
c 253	18	1.6	20	3	US-09-224	0.9
c 254	18	1.6	20	3	US-08-336	0.9
c21167	12.6	1.1	14	1	US-08-496	0.9
c 622	17	1.5	19	1	US-08-756	0.894737
c 623	17	1.5	19	2	US-08-469	0.894737
c 624	17	1.5	19	3	US-08-271	0.894737
c 625	17	1.5	19	3	US-08-295	0.894737
c 626	17	1.5	19	3	US-09-234	0.894737
c 627	17	1.5	19	3	US-09-016	0.894737
c 628	17	1.5	19	3	US-09-016	0.894737
c 629	17	1.5	19	3	US-09-016	0.894737
c 630	17	1.5	19	3	US-09-016	0.894737
c 631	17	1.5	19	3	US-09-016	0.894737
c 632	17	1.5	19	3	US-09-016	0.894737
c 633	17	1.5	19	3	US-09-016	0.894737
c 634	17	1.5	19	3	US-09-016	0.894737
c 635	17	1.5	19	3	US-09-016	0.894737
c 636	17	1.5	19	3	US-09-016	0.894737
c 637	17	1.5	19	3	US-09-016	0.894737
c 638	17	1.5	19	3	US-09-016	0.894737
c 639	17	1.5	19	3	US-09-378	0.894737
c 640	17	1.5	19	3	US-09-130	0.894737
c 641	17	1.5	19	3	US-09-130	0.894737
c 642	17	1.5	19	3	US-09-130	0.894737
c 643	17	1.5	19	3	US-09-130	0.894737
c 644	17	1.5	19	3	US-09-130	0.894737
c 645	17	1.5	19	3	US-09-130	0.894737
c 646	17	1.5	19	3	US-09-130	0.894737
c 647	17	1.5	19	3	US-09-130	0.894737
c 648	17	1.5	19	3	US-09-130	0.894737
c 649	17	1.5	19	3	US-09-130	0.894737
c 650	17	1.5	19	3	US-09-130	0.894737
c 651	17	1.5	19	3	US-09-130	0.894737
c 652	17	1.5	19	3	US-09-477	0.894737
c 653	17	1.5	19	3	US-09-477	0.894737
c 654	17	1.5	19	3	US-09-477	0.894737
c 655	17	1.5	19	3	US-09-477	0.894737
c 656	17	1.5	19	3	US-09-477	0.894737
c 657	17	1.5	19	3	US-09-477	0.894737
c 658	17	1.5	19	3	US-09-477	0.894737
c 659	17	1.5	19	3	US-09-477	0.894737
c 660	17	1.5	19	3	US-09-477	0.894737
c 661	17	1.5	19	3	US-09-477	0.894737
c 662	17	1.5	19	3	US-09-477	0.894737
c 663	17	1.5	19	3	US-09-477	0.894737
c 664	17	1.5	19	3	US-08-726	0.894737
c 665	17	1.5	19	3	US-09-338	0.894737

c 666	17	1.5	19	3	US-09-123	0.894737	
c 667	17	1.5	19	3	US-09-378	0.894737	
c 668	17	1.5	19	4	US-09-202	0.894737	
c 669	17	1.5	19	4	US-09-218	0.894737	
c 670	17	1.5	19	4	US-09-303	0.894737	
c 671	17	1.5	19	4	US-09-303	0.894737	
c 672	17	1.5	19	4	US-09-303	0.894737	
c 673	17	1.5	19	4	US-09-303	0.894737	
c 674	17	1.5	19	4	US-09-303	0.894737	
c 675	17	1.5	19	4	US-09-227	0.894737	
c 676	17	1.5	19	4	US-09-227	0.894737	
c 677	17	1.5	19	4	US-09-227	0.894737	
c 678	17	1.5	19	4	US-09-227	0.894737	
c 679	17	1.5	19	4	US-09-227	0.894737	
c 680	17	1.5	19	4	US-09-227	0.894737	
c 681	17	1.5	19	4	US-09-227	0.894737	
c 682	17	1.5	19	4	US-09-227	0.894737	
c 683	17	1.5	19	4	US-09-227	0.894737	
c 684	17	1.5	19	4	US-09-227	0.894737	
c 685	17	1.5	19	4	US-09-227	0.894737	
c 686	17	1.5	19	4	US-09-227	0.894737	
687	17	1.5	19	4	US-09-619	0.894737	
c 688	17	1.5	19	4	US-09-288	0.894737	
c 689	17	1.5	19	4	US-09-612	0.894737	
c 690	17	1.5	19	4	US-09-612	0.894737	
c 691	17	1.5	19	4	US-09-612	0.894737	
c 692	17	1.5	19	4	US-10-121	0.894737	
c 693	17	1.5	19	4	US-10-121	0.894737	
c 694	17	1.5	19	4	US-09-142	0.894737	
c2514	15.2	1.4	17	4	US-09-390	0.894118	
c10113	13.4	1.2	15	2	US-08-292	0.893333	
10114	13.4	1.2	15	2	US-08-863	0.893333	
c10115	13.4	1.2	15	3	US-08-893	0.893333	
c10116	13.4	1.2	15	3	US-08-832	0.893333	
c10117	13.4	1.2	15	3	US-08-832	0.893333	
c10118	13.4	1.2	15	3	US-08-832	0.893333	
c10119	13.4	1.2	15	3	US-08-832	0.893333	
c10120	13.4	1.2	15	3	US-08-832	0.893333	
c10121	13.4	1.2	15	3	US-08-832	0.893333	
c10122	13.4	1.2	15	3	US-08-832	0.893333	
c10123	13.4	1.2	15	3	US-08-832	0.893333	
c10124	13.4	1.2	15	3	US-08-832	0.893333	
c10125	13.4	1.2	15	3	US-08-832	0.893333	
c10126	13.4	1.2	15	3	US-08-832	0.893333	
c10127	13.4	1.2	15	3	US-08-832	0.893333	
c10128	13.4	1.2	15	3	US-09-071	0.893333	
c10129	13.4	1.2	15	4	US-09-475	0.893333	
c53085	11.6	1.1	13	1	US-08-582	0.892308	
c53086	11.6	1.1	13	3	US-09-016	0.892308	
c1623	16	1.5	18	4	US-09-637	0.888889	
c1624	16	1.5	18	4	US-09-637	0.888889	
c25628	12.4	1.1	14	3	US-08-832	0.885714	
c25629	12.4	1.1	14	3	US-08-832	0.885714	
c25630	12.4	1.1	14	3	US-08-832	0.885714	
c25631	12.4	1.1	14	3	US-08-832	0.885714	
c25632	12.4	1.1	14	3	US-08-724	0.885714	
c25633	12.4	1.1	14	3	US-08-724	0.885714	
c25634	12.4	1.1	14	3	US-08-724	0.885714	
c25635	12.4	1.1	14	3	US-08-724	0.885714	
c25636	12.4	1.1	14	3	US-09-019	0.885714	

c25637	12.4	1.1	14	4	US-08-882	0.885714	
c25638	12.4	1.1	14	4	US-08-882	0.885714	
c25639	12.4	1.1	14	4	US-08-882	0.885714	
c25640	12.4	1.1	14	4	US-08-882	0.885714	
25641	12.4	1.1	14	4	US-09-475	0.885714	
c25642	12.4	1.1	14	4	US-08-862	0.885714	
c2862	15	1.4	17	4	US-08-584	0.882353	
c2863	15	1.4	17	4	US-08-584	0.882353	
c2864	15	1.4	17	4	US-08-937	0.882353	
c2865	15	1.4	17	4	US-09-475	0.882353	
c2866	15	1.4	17	4	US-09-788	0.882353	
c2867	15	1.4	17	4	US-09-300	0.882353	
c2868	15	1.4	17	4	US-09-371	0.882353	
c2869	15	1.4	17	4	US-09-371	0.882353	
11972	13.2	1.2	15	4	US-08-882	0.88	
c62978	11.4	1	13	1	US-07-850	0.876923	
62979	11.4	1	13	1	US-08-242	0.876923	
c62980	11.4	1	13	1	US-08-351	0.876923	
c62981	11.4	1	13	1	US-08-559	0.876923	
62982	11.4	1	13	1	US-08-484	0.876923	
c62983	11.4	1	13	1	US-08-430	0.876923	
c62984	11.4	1	13	1	US-08-486	0.876923	
62985	11.4	1	13	1	US-07-936	0.876923	
c62986	11.4	1	13	1	US-08-559	0.876923	
c62987	11.4	1	13	2	US-08-684	0.876923	
c62988	11.4	1	13	3	US-08-680	0.876923	
62989	11.4	1	13	3	US-08-983	0.876923	
62990	11.4	1	13	3	US-08-983	0.876923	
62991	11.4	1	13	3	US-08-983	0.876923	
c62992	11.4	1	13	3	US-08-750	0.876923	
c62993	11.4	1	13	3	US-09-358	0.876923	
c62994	11.4	1	13	3	US-09-406	0.876923	
c62995	11.4	1	13	4	US-09-406	0.876923	
c62996	11.4	1	13	4	US-08-974	0.876923	
c62997	11.4	1	13	4	US-08-985	0.876923	
c62998	11.4	1	13	4	US-09-216	0.876923	
c62999	11.4	1	13	4	US-09-216	0.876923	
c63000	11.4	1	13	5	PCT-US93	0.876923	
63001	11.4	1	13	5	PCT-US95	0.876923	
c6114	14	1.3	16	1	US-08-087	0.875	
c6115	14	1.3	16	1	US-08-455	0.875	
c6116	14	1.3	16	1	US-08-461	0.875	
c6117	14	1.3	16	1	US-08-713	0.875	
c6118	14	1.3	16	2	US-08-689	0.875	
c6119	14	1.3	16	3	US-09-070	0.875	
c6120	14	1.3	16	4	US-08-882	0.875	
c30603	12.2	1.1	14	1	US-08-494	0.871429	
c30604	12.2	1.1	14	2	US-08-795	0.871429	
c30605	12.2	1.1	14	3	US-09-042	0.871429	
c30606	12.2	1.1	14	4	US-09-390	0.871429	
c30607	12.2	1.1	14	4	US-09-303	0.871429	
c30608	12.2	1.1	14	4	US-09-134	0.871429	
c14604	13	1.2	15	1	US-08-182	0.866667	
c14605	13	1.2	15	2	US-08-292	0.866667	
c14606	13	1.2	15	2	US-08-774	0.866667	
c14607	13	1.2	15	3	US-08-832	0.866667	
c14608	13	1.2	15	3	US-08-832	0.866667	
c14609	13	1.2	15	3	US-08-832	0.866667	
c14610	13	1.2	15	3	US-08-832	0.866667	
c14611	13	1.2	15	3	US-08-832	0.866667	

c14612	13	1.2	15	3	US-08-832	0.866667	
c14613	13	1.2	15	3	US-08-832	0.866667	
c14614	13	1.2	15	3	US-08-832	0.866667	
c14615	13	1.2	15	3	US-09-064	0.866667	
c14616	13	1.2	15	3	US-09-071	0.866667	
37283	12	1.1	14	1	US-08-455	0.857143	
37284	12	1.1	14	1	US-08-235	0.857143	
c37285	12	1.1	14	1	US-08-486	0.857143	
37286	12	1.1	14	2	US-08-689	0.857143	
c37287	12	1.1	14	2	US-08-371	0.857143	
c37288	12	1.1	14	3	US-08-832	0.857143	
c37289	12	1.1	14	3	US-08-832	0.857143	
c37290	12	1.1	14	3	US-08-832	0.857143	
c37291	12	1.1	14	3	US-08-832	0.857143	
c37292	12	1.1	14	3	US-08-724	0.857143	
c37293	12	1.1	14	3	US-08-724	0.857143	
c37294	12	1.1	14	3	US-08-724	0.857143	
c37295	12	1.1	14	3	US-08-724	0.857143	
37296	12	1.1	14	3	US-09-040	0.857143	
c37297	12	1.1	14	3	US-09-040	0.857143	
c37298	12	1.1	14	3	US-08-787	0.857143	
37299	12	1.1	14	3	US-08-787	0.857143	
37300	12	1.1	14	3	US-09-040	0.857143	
c37301	12	1.1	14	3	US-09-040	0.857143	
c37302	12	1.1	14	4	US-08-882	0.857143	
c37303	12	1.1	14	4	US-08-882	0.857143	
c37304	12	1.1	14	4	US-08-882	0.857143	
c37305	12	1.1	14	4	US-08-882	0.857143	
c37306	12	1.1	14	4	US-09-151	0.857143	
c37307	12	1.1	14	4	US-09-151	0.857143	
c2217	15.4	1.4	18	5	PCT-US91	0.855556	
c2218	15.4	1.4	18	5	PCT-US91	0.855556	
c 695	17	1.5	20	1	US-08-146	0.85	
c 696	17	1.5	20	2	US-08-379	0.85	
c 697	17	1.5	20	2	US-08-725	0.85	
698	17	1.5	20	2	US-08-997	0.85	
699	17	1.5	20	2	US-08-997	0.85	
c 700	17	1.5	20	2	US-08-965	0.85	
701	17	1.5	20	3	US-08-873	0.85	
c 702	17	1.5	20	3	US-08-765	0.85	
703	17	1.5	20	3	US-09-095	0.85	
704	17	1.5	20	3	US-09-407	0.85	
c 705	17	1.5	20	3	US-08-482	0.85	
c 706	17	1.5	20	3	US-08-482	0.85	
c 707	17	1.5	20	3	US-09-224	0.85	
c 708	17	1.5	20	3	US-09-224	0.85	
c 709	17	1.5	20	3	US-08-336	0.85	
c 710	17	1.5	20	3	US-08-336	0.85	
c 711	17	1.5	20	3	US-09-250	0.85	
c 712	17	1.5	20	3	US-09-173	0.85	
713	17	1.5	20	3	US-09-454	0.85	
714	17	1.5	20	4	US-09-324	0.85	
715	17	1.5	20	4	US-09-205	0.85	
716	17	1.5	20	4	US-09-619	0.85	
c 717	17	1.5	20	4	US-09-726	0.85	
718	17	1.5	20	4	US-09-603	0.85	
719	17	1.5	20	4	US-09-976	0.85	
c 720	17	1.5	20	4	US-09-344	0.85	
721	17	1.5	20	4	US-09-961	0.85	
722	17	1.5	20	5	PCT-US93	0.85	

1186	16.8	1.5	20	3	US-09-280	0.84
c10130	13.4	1.2	16	3	US-08-952	0.8375
2870	15	1.4	18	3	US-09-437	0.833333
c2871	15	1.4	18	3	US-09-437	0.833333
c25643	12.4	1.1	15	1	US-08-087	0.826667
25644	12.4	1.1	15	1	US-08-025	0.826667
c25645	12.4	1.1	15	1	US-08-455	0.826667
c25646	12.4	1.1	15	1	US-08-291	0.826667
c25647	12.4	1.1	15	1	US-08-291	0.826667
c25648	12.4	1.1	15	1	US-08-461	0.826667
c25649	12.4	1.1	15	1	US-08-713	0.826667
c25650	12.4	1.1	15	2	US-08-689	0.826667
c25651	12.4	1.1	15	2	US-08-292	0.826667
25652	12.4	1.1	15	3	US-08-343	0.826667
c25653	12.4	1.1	15	3	US-08-832	0.826667
c25654	12.4	1.1	15	3	US-08-832	0.826667
c25655	12.4	1.1	15	3	US-08-832	0.826667
c25656	12.4	1.1	15	3	US-08-832	0.826667
c25657	12.4	1.1	15	3	US-08-832	0.826667
c25658	12.4	1.1	15	3	US-08-832	0.826667
c25659	12.4	1.1	15	3	US-08-832	0.826667
c25660	12.4	1.1	15	3	US-08-832	0.826667
c25661	12.4	1.1	15	3	US-09-070	0.826667
c25662	12.4	1.1	15	3	US-09-071	0.826667
c25663	12.4	1.1	15	3	US-08-787	0.826667
25664	12.4	1.1	15	4	US-09-081	0.826667
25665	12.4	1.1	15	4	US-09-081	0.826667
c25666	12.4	1.1	15	4	US-09-081	0.826667
c6121	14	1.3	17	4	US-08-584	0.823529
c6122	14	1.3	17	4	US-08-584	0.823529
c6123	14	1.3	17	4	US-09-371	0.823529
c6124	14	1.3	17	4	US-09-371	0.823529
3352	14.8	1.3	18	4	US-09-422	0.822222
c63002	11.4	1	14	1	US-08-374	0.814286
c63003	11.4	1	14	2	US-08-485	0.814286
c63004	11.4	1	14	2	US-08-476	0.814286
63005	11.4	1	14	2	US-08-765	0.814286
c63006	11.4	1	14	2	US-08-478	0.814286
c63007	11.4	1	14	2	US-08-785	0.814286
63008	11.4	1	14	3	US-08-985	0.814286
63009	11.4	1	14	3	US-08-913	0.814286
63010	11.4	1	14	3	US-08-913	0.814286
63011	11.4	1	14	3	US-08-872	0.814286
c63012	11.4	1	14	3	US-08-476	0.814286
63013	11.4	1	14	4	US-09-580	0.814286
63014	11.4	1	14	4	US-09-580	0.814286
63015	11.4	1	14	4	US-08-535	0.814286
c14617	13	1.2	16	4	US-09-060	0.8125
c14618	13	1.2	16	4	US-09-402	0.8125
7211	13.8	1.3	17	1	US-08-255	0.811765
7212	13.8	1.3	17	1	US-08-255	0.811765
7213	13.8	1.3	17	3	US-09-021	0.811765
c7214	13.8	1.3	17	4	US-08-584	0.811765
c7215	13.8	1.3	17	4	US-08-584	0.811765
c7216	13.8	1.3	17	4	US-08-584	0.811765
7217	13.8	1.3	17	4	US-08-679	0.811765
c7218	13.8	1.3	17	4	US-09-474	0.811765
c7219	13.8	1.3	17	4	US-09-371	0.811765
c7220	13.8	1.3	17	4	US-09-371	0.811765
c7221	13.8	1.3	17	4	US-09-371	0.811765

723	17	1.5	21	1	US-08-146	0.809524	
c 724	17	1.5	21	1	US-08-455	0.809524	
c 725	17	1.5	21	1	US-08-359	0.809524	
c 726	17	1.5	21	2	US-08-485	0.809524	
c 727	17	1.5	21	2	US-08-933	0.809524	
728	17	1.5	21	2	US-08-725	0.809524	
c 729	17	1.5	21	2	US-09-082	0.809524	
730	17	1.5	21	2	US-08-863	0.809524	
c 731	17	1.5	21	2	US-08-863	0.809524	
c 732	17	1.5	21	2	US-08-416	0.809524	
c 733	17	1.5	21	3	US-09-082	0.809524	
734	17	1.5	21	3	US-08-271	0.809524	
c 735	17	1.5	21	3	US-09-183	0.809524	
736	17	1.5	21	3	US-08-726	0.809524	
c 737	17	1.5	21	4	US-09-162	0.809524	
c 738	17	1.5	21	5	PCT-US96	0.809524	
c37308	12	1.1	15	1	US-08-041	0.8	
c37309	12	1.1	15	1	US-08-337	0.8	
c37310	12	1.1	15	1	US-08-182	0.8	
c37311	12	1.1	15	1	US-08-182	0.8	
37312	12	1.1	15	1	US-08-291	0.8	
c37313	12	1.1	15	2	US-08-292	0.8	
c37314	12	1.1	15	2	US-08-774	0.8	
c37315	12	1.1	15	2	US-08-774	0.8	
c37316	12	1.1	15	3	US-08-832	0.8	
c37317	12	1.1	15	3	US-08-832	0.8	
c37318	12	1.1	15	3	US-08-832	0.8	
c37319	12	1.1	15	3	US-08-832	0.8	
c37320	12	1.1	15	3	US-08-832	0.8	
c37321	12	1.1	15	3	US-08-832	0.8	
c37322	12	1.1	15	3	US-08-832	0.8	
c37323	12	1.1	15	3	US-08-832	0.8	
c37324	12	1.1	15	3	US-08-832	0.8	
c37325	12	1.1	15	3	US-08-832	0.8	
c37326	12	1.1	15	3	US-08-832	0.8	
c37327	12	1.1	15	3	US-08-832	0.8	
c37328	12	1.1	15	3	US-08-832	0.8	
c37329	12	1.1	15	3	US-08-832	0.8	
c37330	12	1.1	15	3	US-08-832	0.8	
c37331	12	1.1	15	3	US-08-832	0.8	
c37332	12	1.1	15	3	US-08-832	0.8	
c37333	12	1.1	15	3	US-09-064	0.8	
c37334	12	1.1	15	3	US-09-064	0.8	
c37335	12	1.1	15	3	US-09-071	0.8	
37336	12	1.1	15	4	US-09-230	0.8	
160	19	1.7	24	4	US-09-164	0.791667	
c1768	15.8	1.4	20	3	US-09-357	0.79	
c2872	15	1.4	19	4	US-09-349	0.789474	
10131	13.4	1.2	17	3	US-09-021	0.788235	
10132	13.4	1.2	17	3	US-09-021	0.788235	
c10133	13.4	1.2	17	4	US-09-474	0.788235	
c10134	13.4	1.2	17	5	PCT-US91	0.788235	
44414	11.8	1.1	15	1	US-07-907	0.786667	
44415	11.8	1.1	15	1	US-08-209	0.786667	
c44416	11.8	1.1	15	1	US-08-319	0.786667	
c44417	11.8	1.1	15	1	US-08-319	0.786667	
44418	11.8	1.1	15	1	US-08-241	0.786667	
c44419	11.8	1.1	15	1	US-08-334	0.786667	
c44420	11.8	1.1	15	1	US-08-363	0.786667	
c44421	11.8	1.1	15	1	US-08-311	0.786667	

44422	11.8	1.1	15	1	US-08-311	0.786667	
44423	11.8	1.1	15	1	US-08-110	0.786667	
c44424	11.8	1.1	15	2	US-08-292	0.786667	
c44425	11.8	1.1	15	2	US-08-292	0.786667	
c44426	11.8	1.1	15	2	US-08-292	0.786667	
c44427	11.8	1.1	15	2	US-08-292	0.786667	
c44428	11.8	1.1	15	2	US-08-292	0.786667	
c44429	11.8	1.1	15	2	US-08-292	0.786667	
44430	11.8	1.1	15	2	US-08-389	0.786667	
44431	11.8	1.1	15	2	US-08-585	0.786667	
44432	11.8	1.1	15	2	US-08-585	0.786667	
44433	11.8	1.1	15	3	US-08-913	0.786667	
c44434	11.8	1.1	15	3	US-09-071	0.786667	
c44435	11.8	1.1	15	3	US-09-071	0.786667	
c44436	11.8	1.1	15	3	US-09-071	0.786667	
c44437	11.8	1.1	15	3	US-09-071	0.786667	
c44438	11.8	1.1	15	3	US-09-071	0.786667	
c44439	11.8	1.1	15	3	US-09-071	0.786667	
44440	11.8	1.1	15	3	US-09-176	0.786667	
44441	11.8	1.1	15	3	US-09-038	0.786667	
44442	11.8	1.1	15	3	US-09-038	0.786667	
44443	11.8	1.1	15	3	US-09-275	0.786667	
44444	11.8	1.1	15	4	US-09-580	0.786667	
44445	11.8	1.1	15	4	US-09-081	0.786667	
44446	11.8	1.1	15	4	US-09-081	0.786667	
44447	11.8	1.1	15	4	US-09-081	0.786667	
c44448	11.8	1.1	15	4	US-08-275	0.786667	
44449	11.8	1.1	15	4	US-09-474	0.786667	
44450	11.8	1.1	15	5	PCT-US95	0.786667	
25667	12.4	1.1	16	1	US-08-487	0.775	
25668	12.4	1.1	16	2	US-08-927	0.775	
c25669	12.4	1.1	16	2	US-08-459	0.775	
c25670	12.4	1.1	16	4	US-09-509	0.775	
c25671	12.4	1.1	16	4	US-09-371	0.775	
c25672	12.4	1.1	16	4	US-09-371	0.775	
25673	12.4	1.1	16	5	PCT-US96	0.775	
53087	11.6	1.1	15	4	US-09-270	0.773333	
c 739	17	1.5	22	1	US-08-123	0.772727	
c 740	17	1.5	22	1	US-08-123	0.772727	
741	17	1.5	22	1	US-08-123	0.772727	
c 742	17	1.5	22	1	US-08-458	0.772727	
c 743	17	1.5	22	1	US-08-458	0.772727	
744	17	1.5	22	1	US-08-458	0.772727	
745	17	1.5	22	3	US-08-847	0.772727	
c 746	17	1.5	22	3	US-08-950	0.772727	
c 747	17	1.5	22	3	US-08-950	0.772727	
748	17	1.5	22	3	US-08-950	0.772727	
749	17	1.5	22	4	US-09-720	0.772727	
2219	15.4	1.4	20	4	US-08-108	0.77	
c2220	15.4	1.4	20	4	US-09-588	0.77	
c7222	13.8	1.3	18	2	US-09-213	0.766667	
7223	13.8	1.3	18	3	US-08-847	0.766667	
7224	13.8	1.3	18	4	US-09-686	0.766667	
c7225	13.8	1.3	18	4	US-08-275	0.766667	
c7226	13.8	1.3	18	4	US-08-275	0.766667	
c14619	13	1.2	17	4	US-08-584	0.764706	
c14620	13	1.2	17	4	US-08-584	0.764706	
c14621	13	1.2	17	4	US-08-584	0.764706	
c14622	13	1.2	17	4	US-08-584	0.764706	
c14623	13	1.2	17	4	US-08-584	0.764706	

14624	13	1.2	17	4	US-08-584	0.764706	
c14625	13	1.2	17	4	US-09-371	0.764706	
c14626	13	1.2	17	4	US-09-371	0.764706	
c14627	13	1.2	17	4	US-09-371	0.764706	
c14628	13	1.2	17	4	US-09-371	0.764706	
c14629	13	1.2	17	4	US-09-371	0.764706	
14630	13	1.2	17	4	US-09-371	0.764706	
c1625	16	1.5	21	3	US-08-704	0.761905	
c1626	16	1.5	21	3	US-08-705	0.761905	
c1627	16	1.5	21	3	US-09-228	0.761905	
2515	15.2	1.4	20	3	US-09-228	0.76	
c63016	11.4	1	15	1	US-08-474	0.76	
c63017	11.4	1	15	1	US-08-319	0.76	
c63018	11.4	1	15	1	US-08-247	0.76	
c63019	11.4	1	15	1	US-08-247	0.76	
c63020	11.4	1	15	1	US-08-457	0.76	
c63021	11.4	1	15	1	US-08-291	0.76	
c63022	11.4	1	15	1	US-08-291	0.76	
c63023	11.4	1	15	1	US-08-291	0.76	
c63024	11.4	1	15	1	US-08-050	0.76	
63025	11.4	1	15	1	US-08-271	0.76	
63026	11.4	1	15	1	US-08-271	0.76	
c63027	11.4	1	15	1	US-08-452	0.76	
c63028	11.4	1	15	1	US-08-453	0.76	
63029	11.4	1	15	1	US-08-363	0.76	
63030	11.4	1	15	1	US-08-363	0.76	
63031	11.4	1	15	1	US-08-363	0.76	
c63032	11.4	1	15	1	US-08-363	0.76	
c63033	11.4	1	15	1	US-08-363	0.76	
c63034	11.4	1	15	1	US-08-726	0.76	
c63035	11.4	1	15	1	US-08-726	0.76	
c63036	11.4	1	15	1	US-08-311	0.76	
c63037	11.4	1	15	1	US-08-311	0.76	
c63038	11.4	1	15	1	US-08-311	0.76	
63039	11.4	1	15	1	US-08-311	0.76	
63040	11.4	1	15	2	US-08-619	0.76	
c63041	11.4	1	15	2	US-08-749	0.76	
c63042	11.4	1	15	2	US-07-989	0.76	
63043	11.4	1	15	2	US-08-585	0.76	
63044	11.4	1	15	2	US-08-585	0.76	
c63045	11.4	1	15	2	US-08-585	0.76	
c63046	11.4	1	15	2	US-08-585	0.76	
c63047	11.4	1	15	2	US-08-585	0.76	
c63048	11.4	1	15	2	US-08-585	0.76	
c63049	11.4	1	15	2	US-08-585	0.76	
c63050	11.4	1	15	2	US-08-585	0.76	
c63051	11.4	1	15	2	US-08-726	0.76	
c63052	11.4	1	15	2	US-08-926	0.76	
c63053	11.4	1	15	2	US-08-887	0.76	
c63054	11.4	1	15	2	US-08-715	0.76	
63055	11.4	1	15	2	US-08-910	0.76	
63056	11.4	1	15	2	US-08-910	0.76	
c63057	11.4	1	15	2	US-09-130	0.76	
c63058	11.4	1	15	3	US-08-987	0.76	
c63059	11.4	1	15	3	US-08-750	0.76	
c63060	11.4	1	15	3	US-08-815	0.76	
c63061	11.4	1	15	3	US-08-982	0.76	
63062	11.4	1	15	3	US-09-377	0.76	
c63063	11.4	1	15	3	US-08-871	0.76	
c63064	11.4	1	15	3	US-09-059	0.76	

63065	11.4	1	15	3	US-09-249	0.76
63066	11.4	1	15	3	US-09-249	0.76
c63067	11.4	1	15	3	US-09-115	0.76
c63068	11.4	1	15	3	US-08-893	0.76
c63069	11.4	1	15	3	US-08-469	0.76
63070	11.4	1	15	3	US-09-038	0.76
63071	11.4	1	15	3	US-09-038	0.76
c63072	11.4	1	15	3	US-09-038	0.76
c63073	11.4	1	15	3	US-09-038	0.76
c63074	11.4	1	15	3	US-09-038	0.76
c63075	11.4	1	15	3	US-09-038	0.76
c63076	11.4	1	15	3	US-09-038	0.76
c63077	11.4	1	15	3	US-09-038	0.76
63078	11.4	1	15	3	US-09-393	0.76
c63079	11.4	1	15	3	US-09-346	0.76
c63080	11.4	1	15	3	US-08-254	0.76
c63081	11.4	1	15	4	US-09-328	0.76
63082	11.4	1	15	4	US-09-081	0.76
c63083	11.4	1	15	4	US-09-414	0.76
c63084	11.4	1	15	4	US-08-919	0.76
c63085	11.4	1	15	4	US-09-438	0.76
63086	11.4	1	15	4	US-09-867	0.76
c63087	11.4	1	15	4	US-09-474	0.76
c63088	11.4	1	15	5	PCT-US92	0.76
63089	11.4	1	15	5	PCT-US93	0.76
c63090	11.4	1	15	5	PCT-US94	0.76
c63091	11.4	1	15	5	PCT-US94	0.76
c63092	11.4	1	15	5	PCT-US95	0.76
c63093	11.4	1	15	6	5166058-1	0.76
17600	12.8	1.2	17	1	US-08-050	0.752941
c17601	12.8	1.2	17	1	US-08-373	0.752941
c17602	12.8	1.2	17	1	US-08-373	0.752941
c17603	12.8	1.2	17	1	US-08-373	0.752941
c17604	12.8	1.2	17	1	US-08-373	0.752941
17605	12.8	1.2	17	1	US-08-345	0.752941
c17606	12.8	1.2	17	1	US-08-435	0.752941
c17607	12.8	1.2	17	1	US-08-435	0.752941
c17608	12.8	1.2	17	1	US-08-435	0.752941
c17609	12.8	1.2	17	1	US-08-435	0.752941
c17610	12.8	1.2	17	3	US-08-985	0.752941
c17611	12.8	1.2	17	3	US-08-924	0.752941
17612	12.8	1.2	17	3	US-09-021	0.752941
c17613	12.8	1.2	17	4	US-09-488	0.752941
c17614	12.8	1.2	17	4	US-08-584	0.752941
c17615	12.8	1.2	17	4	US-08-584	0.752941
c17616	12.8	1.2	17	4	US-08-584	0.752941
17617	12.8	1.2	17	4	US-08-584	0.752941
c17618	12.8	1.2	17	4	US-08-584	0.752941
c17619	12.8	1.2	17	4	US-08-584	0.752941
17620	12.8	1.2	17	4	US-08-679	0.752941
17621	12.8	1.2	17	4	US-08-679	0.752941
c17622	12.8	1.2	17	4	US-09-474	0.752941
c17623	12.8	1.2	17	4	US-09-474	0.752941
c17624	12.8	1.2	17	4	US-09-474	0.752941
17625	12.8	1.2	17	4	US-08-541	0.752941
c17626	12.8	1.2	17	4	US-09-371	0.752941
c17627	12.8	1.2	17	4	US-09-371	0.752941
c17628	12.8	1.2	17	4	US-09-371	0.752941
17629	12.8	1.2	17	4	US-09-371	0.752941
c17630	12.8	1.2	17	4	US-09-371	0.752941

c17631	12.8	1.2	17		4	US-09-371	0.752941
17632	12.8	1.2	17		4	US-09-371	0.752941
c17633	12.8	1.2	17		4	US-09-371	0.752941
c17634	12.8	1.2	17		4	US-09-371	0.752941
c17635	12.8	1.2	17		5	PCT-US92	0.752941
c1769	15.8	1.4	21		2	US-08-173	0.752381
c1770	15.8	1.4	21		5	PCT-US96	0.752381
c2873	15	1.4	20		2	US-08-715	0.75
c2874	15	1.4	20		4	US-09-883	0.75
c2875	15	1.4	20		4	US-09-965	0.75
37337	12	1.1	16		1	US-08-284	0.75
c37338	12	1.1	16		1	US-08-419	0.75
c37339	12	1.1	16		4	US-09-411	0.75
c37340	12	1.1	16		4	US-09-918	0.75
c37341	12	1.1	16		4	US-09-300	0.75
c37342	12	1.1	16		4	US-09-300	0.75
c5061	14.2	1.3	19		4	US-09-422	0.747368
c10135	13.4	1.2	18		1	US-08-330	0.744444
10136	13.4	1.2	18		2	US-09-213	0.744444
c10137	13.4	1.2	18		3	US-09-161	0.744444
c10138	13.4	1.2	18		3	US-08-965	0.744444
c10139	13.4	1.2	18		3	US-08-748	0.744444
c10140	13.4	1.2	18		5	PCT-US96	0.744444
c 309	17.8	1.6	24		2	US-08-996	0.741667
c 310	17.8	1.6	24		3	US-09-338	0.741667
c 311	17.8	1.6	24		4	US-09-218	0.741667
3353	14.8	1.3	20		2	US-08-484	0.74
3354	14.8	1.3	20		2	US-08-757	0.74
3355	14.8	1.3	20		2	US-08-193	0.74
3356	14.8	1.3	20		3	US-09-433	0.74
3357	14.8	1.3	20		4	US-08-520	0.74
c3358	14.8	1.3	20		4	US-09-806	0.74
c3359	14.8	1.3	20		4	US-09-806	0.74
3360	14.8	1.3	20		4	US-09-679	0.74
c 750	17	1.5	23		1	US-08-018	0.73913
c 751	17	1.5	23		1	US-08-621	0.73913
c 752	17	1.5	23		2	US-08-448	0.73913
c 753	17	1.5	23		3	US-09-056	0.73913
c 754	17	1.5	23		3	US-09-056	0.73913
c 755	17	1.5	23		3	US-09-056	0.73913
c 756	17	1.5	23		4	US-09-282	0.73913
757	17	1.5	23		5	PCT-US94	0.73913
c 758	17	1.5	23		5	PCT-US94	0.73913
44451	11.8	1.1	16		1	US-08-753	0.7375
c44452	11.8	1.1	16		2	US-08-292	0.7375
c44453	11.8	1.1	16		3	US-09-071	0.7375
c44454	11.8	1.1	16		4	US-09-371	0.7375
c44455	11.8	1.1	16		4	US-09-371	0.7375
c44456	11.8	1.1	16		4	US-09-371	0.7375
c44457	11.8	1.1	16		4	US-09-371	0.7375
1484	16.2	1.5	22		2	US-08-749	0.736364
368	17.6	1.6	24		1	US-08-014	0.733333
369	17.6	1.6	24		1	US-08-486	0.733333
370	17.6	1.6	24		1	US-08-470	0.733333
371	17.6	1.6	24		2	US-08-735	0.733333
372	17.6	1.6	24		2	US-08-486	0.733333
373	17.6	1.6	24		3	US-09-183	0.733333
374	17.6	1.6	24		3	US-09-201	0.733333
375	17.6	1.6	24		4	US-09-536	0.733333
376	17.6	1.6	24		4	US-09-025	0.733333

377	17.6	1.6	24	4	US-09-333	0.733333	
378	17.6	1.6	24	4	US-09-732	0.733333	
379	17.6	1.6	24	4	US-10-043	0.733333	
380	17.6	1.6	24	4	US-09-854	0.733333	
c2221	15.4	1.4	21	4	US-09-475	0.733333	
11973	13.2	1.2	18	1	US-08-102	0.733333	
c11974	13.2	1.2	18	1	US-08-335	0.733333	
11975	13.2	1.2	18	1	US-08-363	0.733333	
11976	13.2	1.2	18	1	US-08-541	0.733333	
c11977	13.2	1.2	18	2	US-09-205	0.733333	
11978	13.2	1.2	18	2	US-09-212	0.733333	
c11979	13.2	1.2	18	2	US-08-857	0.733333	
c11980	13.2	1.2	18	3	US-08-970	0.733333	
11981	13.2	1.2	18	3	US-08-462	0.733333	
c11982	13.2	1.2	18	3	US-09-161	0.733333	
11983	13.2	1.2	18	3	US-09-156	0.733333	
c11984	13.2	1.2	18	3	US-09-289	0.733333	
c11985	13.2	1.2	18	3	US-09-143	0.733333	
11986	13.2	1.2	18	3	US-09-083	0.733333	
11987	13.2	1.2	18	3	US-09-213	0.733333	
c11988	13.2	1.2	18	3	US-09-630	0.733333	
11989	13.2	1.2	18	4	US-09-025	0.733333	
c11990	13.2	1.2	18	4	US-08-584	0.733333	
c11991	13.2	1.2	18	4	US-08-584	0.733333	
c11992	13.2	1.2	18	4	US-08-882	0.733333	
11993	13.2	1.2	18	4	US-09-387	0.733333	
c11994	13.2	1.2	18	4	US-09-649	0.733333	
c11995	13.2	1.2	18	4	US-09-422	0.733333	
c11996	13.2	1.2	18	4	US-09-371	0.733333	
c11997	13.2	1.2	18	4	US-09-371	0.733333	
1187	16.8	1.5	23	1	US-07-869	0.730435	
1188	16.8	1.5	23	3	US-09-103	0.730435	
25674	12.4	1.1	17	1	US-08-050	0.729412	
c25675	12.4	1.1	17	1	US-08-050	0.729412	
c25676	12.4	1.1	17	1	US-08-050	0.729412	
c25677	12.4	1.1	17	1	US-08-379	0.729412	
c25678	12.4	1.1	17	1	US-08-373	0.729412	
c25679	12.4	1.1	17	1	US-08-373	0.729412	
c25680	12.4	1.1	17	1	US-08-373	0.729412	
c25681	12.4	1.1	17	1	US-08-373	0.729412	
c25682	12.4	1.1	17	1	US-08-373	0.729412	
c25683	12.4	1.1	17	1	US-08-435	0.729412	
c25684	12.4	1.1	17	1	US-08-435	0.729412	
c25685	12.4	1.1	17	1	US-08-435	0.729412	
c25686	12.4	1.1	17	1	US-08-435	0.729412	
c25687	12.4	1.1	17	1	US-08-435	0.729412	
c25688	12.4	1.1	17	3	US-08-985	0.729412	
25689	12.4	1.1	17	3	US-08-998	0.729412	
25690	12.4	1.1	17	3	US-08-998	0.729412	
25691	12.4	1.1	17	3	US-09-021	0.729412	
c25692	12.4	1.1	17	4	US-07-974	0.729412	
c25693	12.4	1.1	17	4	US-08-584	0.729412	
25694	12.4	1.1	17	4	US-09-474	0.729412	
c25695	12.4	1.1	17	4	US-09-474	0.729412	
c25696	12.4	1.1	17	4	US-09-474	0.729412	
c25697	12.4	1.1	17	4	US-09-474	0.729412	
c25698	12.4	1.1	17	4	US-09-474	0.729412	
c25699	12.4	1.1	17	4	US-09-474	0.729412	
c25700	12.4	1.1	17	4	US-09-474	0.729412	
c25701	12.4	1.1	17	4	US-09-371	0.729412	

c25702	12.4	1.1	17	4	US-09-371	0.729412	
c25703	12.4	1.1	17	4	US-09-371	0.729412	
c25704	12.4	1.1	17	5	PCT-US93	0.729412	
c7227	13.8	1.3	19	1	US-08-222	0.726316	
7228	13.8	1.3	19	3	US-09-102	0.726316	
c7229	13.8	1.3	19	4	US-09-277	0.726316	
7230	13.8	1.3	19	4	US-09-422	0.726316	
7231	13.8	1.3	19	4	US-09-422	0.726316	
c2516	15.2	1.4	21	4	US-09-324	0.72381	
c2517	15.2	1.4	21	4	US-09-667	0.72381	
14631	13	1.2	18	3	US-08-155	0.722222	
14632	13	1.2	18	3	US-09-487	0.722222	
14633	13	1.2	18	3	US-09-363	0.722222	
14634	13	1.2	18	4	US-09-218	0.722222	
14635	13	1.2	18	4	US-09-679	0.722222	
14636	13	1.2	18	4	US-09-725	0.722222	
c4345	14.4	1.3	20	2	US-08-904	0.72	
c4346	14.4	1.3	20	3	US-09-249	0.72	
c4347	14.4	1.3	20	3	US-09-280	0.72	
4348	14.4	1.3	20	4	US-09-702	0.72	
c4349	14.4	1.3	20	4	US-09-661	0.72	
c4350	14.4	1.3	20	4	US-09-853	0.72	
c4351	14.4	1.3	20	4	US-08-275	0.72	
c1771	15.8	1.4	22	3	US-09-018	0.718182	
1772	15.8	1.4	22	4	US-09-344	0.718182	
1773	15.8	1.4	22	4	US-09-344	0.718182	
1774	15.8	1.4	22	4	US-09-693	0.718182	
1775	15.8	1.4	22	4	US-09-693	0.718182	
1776	15.8	1.4	22	4	US-09-693	0.718182	
1777	15.8	1.4	22	4	US-09-693	0.718182	
1778	15.8	1.4	22	4	US-09-603	0.718182	
1779	15.8	1.4	22	4	US-09-603	0.718182	
1780	15.8	1.4	22	4	US-09-976	0.718182	
1781	15.8	1.4	22	4	US-09-976	0.718182	
1782	15.8	1.4	22	4	US-09-961	0.718182	
1783	15.8	1.4	22	4	US-09-961	0.718182	
c30609	12.2	1.1	17	1	US-07-696	0.717647	
c30610	12.2	1.1	17	1	US-07-977	0.717647	
c30611	12.2	1.1	17	1	US-08-105	0.717647	
30612	12.2	1.1	17	1	US-08-249	0.717647	
30613	12.2	1.1	17	1	US-08-460	0.717647	
30614	12.2	1.1	17	1	US-08-373	0.717647	
c30615	12.2	1.1	17	1	US-08-373	0.717647	
30616	12.2	1.1	17	1	US-07-999	0.717647	
30617	12.2	1.1	17	1	US-08-469	0.717647	
30618	12.2	1.1	17	1	US-08-465	0.717647	
30619	12.2	1.1	17	1	US-08-469	0.717647	
c30620	12.2	1.1	17	1	US-08-217	0.717647	
c30621	12.2	1.1	17	1	US-08-709	0.717647	
c30622	12.2	1.1	17	1	US-08-303	0.717647	
c30623	12.2	1.1	17	1	US-08-458	0.717647	
c30624	12.2	1.1	17	1	US-08-758	0.717647	
30625	12.2	1.1	17	1	US-08-435	0.717647	
c30626	12.2	1.1	17	1	US-08-435	0.717647	
30627	12.2	1.1	17	2	US-08-292	0.717647	
c30628	12.2	1.1	17	2	US-08-332	0.717647	
30629	12.2	1.1	17	2	US-08-721	0.717647	
30630	12.2	1.1	17	3	US-08-762	0.717647	
30631	12.2	1.1	17	3	US-08-985	0.717647	
30632	12.2	1.1	17	3	US-08-985	0.717647	

c30633	12.2	1.1	17	3	US-08-985	0.717647	
c30634	12.2	1.1	17	3	US-08-998	0.717647	
30635	12.2	1.1	17	3	US-09-071	0.717647	
30636	12.2	1.1	17	3	US-08-834	0.717647	
c30637	12.2	1.1	17	3	US-08-974	0.717647	
c30638	12.2	1.1	17	4	US-08-584	0.717647	
c30639	12.2	1.1	17	4	US-08-584	0.717647	
c30640	12.2	1.1	17	4	US-08-584	0.717647	
c30641	12.2	1.1	17	4	US-08-584	0.717647	
c30642	12.2	1.1	17	4	US-08-584	0.717647	
c30643	12.2	1.1	17	4	US-08-584	0.717647	
c30644	12.2	1.1	17	4	US-08-584	0.717647	
30645	12.2	1.1	17	4	US-08-584	0.717647	
c30646	12.2	1.1	17	4	US-08-584	0.717647	
30647	12.2	1.1	17	4	US-08-584	0.717647	
c30648	12.2	1.1	17	4	US-08-584	0.717647	
30649	12.2	1.1	17	4	US-08-584	0.717647	
30650	12.2	1.1	17	4	US-08-584	0.717647	
c30651	12.2	1.1	17	4	US-08-584	0.717647	
c30652	12.2	1.1	17	4	US-08-584	0.717647	
c30653	12.2	1.1	17	4	US-08-584	0.717647	
c30654	12.2	1.1	17	4	US-08-584	0.717647	
c30655	12.2	1.1	17	4	US-08-584	0.717647	
30656	12.2	1.1	17	4	US-08-679	0.717647	
30657	12.2	1.1	17	4	US-08-679	0.717647	
c30658	12.2	1.1	17	4	US-08-679	0.717647	
c30659	12.2	1.1	17	4	US-08-679	0.717647	
c30660	12.2	1.1	17	4	US-08-679	0.717647	
c30661	12.2	1.1	17	4	US-08-912	0.717647	
c30662	12.2	1.1	17	4	US-09-474	0.717647	
30663	12.2	1.1	17	4	US-09-474	0.717647	
30664	12.2	1.1	17	4	US-09-474	0.717647	
c30665	12.2	1.1	17	4	US-09-371	0.717647	
c30666	12.2	1.1	17	4	US-09-371	0.717647	
c30667	12.2	1.1	17	4	US-09-371	0.717647	
c30668	12.2	1.1	17	4	US-09-371	0.717647	
c30669	12.2	1.1	17	4	US-09-371	0.717647	
c30670	12.2	1.1	17	4	US-09-371	0.717647	
c30671	12.2	1.1	17	4	US-09-371	0.717647	
30672	12.2	1.1	17	4	US-09-371	0.717647	
c30673	12.2	1.1	17	4	US-09-371	0.717647	
30674	12.2	1.1	17	4	US-09-371	0.717647	
c30675	12.2	1.1	17	4	US-09-371	0.717647	
30676	12.2	1.1	17	4	US-09-371	0.717647	
30677	12.2	1.1	17	4	US-09-371	0.717647	
c30678	12.2	1.1	17	4	US-09-371	0.717647	
c30679	12.2	1.1	17	4	US-09-371	0.717647	
c30680	12.2	1.1	17	4	US-09-371	0.717647	
c30681	12.2	1.1	17	4	US-09-371	0.717647	
c30682	12.2	1.1	17	4	US-09-371	0.717647	
c30683	12.2	1.1	17	4	US-09-371	0.717647	
30684	12.2	1.1	17	4	US-09-371	0.717647	
30685	12.2	1.1	17	4	US-09-371	0.717647	
c30686	12.2	1.1	17	4	US-09-371	0.717647	
c30687	12.2	1.1	17	4	US-09-371	0.717647	
c30688	12.2	1.1	17	4	US-09-371	0.717647	
c30689	12.2	1.1	17	4	US-09-371	0.717647	
30690	12.2	1.1	17	4	US-09-325	0.717647	
c 183	18.6	1.7	26	1	US-08-621	0.715385	
c63094	11.4	1	16	1	US-08-152	0.7125	

63095	11.4	1	16	1	US-08-050	0.7125	
c63096	11.4	1	16	1	US-08-579	0.7125	
c63097	11.4	1	16	1	US-08-294	0.7125	
c63098	11.4	1	16	2	US-08-292	0.7125	
c63099	11.4	1	16	2	US-08-232	0.7125	
63100	11.4	1	16	2	US-08-729	0.7125	
c63101	11.4	1	16	3	US-08-458	0.7125	
c63102	11.4	1	16	3	US-09-071	0.7125	
63103	11.4	1	16	4	US-09-060	0.7125	
63104	11.4	1	16	4	US-09-402	0.7125	
63105	11.4	1	16	4	US-09-371	0.7125	
c63106	11.4	1	16	4	US-09-371	0.7125	
c63107	11.4	1	16	5	PCT-US94	0.7125	
c 141	19.2	1.7	27	4	US-09-475	0.711111	
17636	12.8	1.2	18	1	US-08-050	0.711111	
17637	12.8	1.2	18	1	US-08-363	0.711111	
c17638	12.8	1.2	18	1	US-08-487	0.711111	
17639	12.8	1.2	18	1	US-08-487	0.711111	
c17640	12.8	1.2	18	1	US-08-483	0.711111	
17641	12.8	1.2	18	1	US-08-483	0.711111	
c17642	12.8	1.2	18	2	US-08-384	0.711111	
c17643	12.8	1.2	18	2	US-08-384	0.711111	
c17644	12.8	1.2	18	2	US-08-657	0.711111	
c17645	12.8	1.2	18	2	US-08-585	0.711111	
17646	12.8	1.2	18	2	US-08-958	0.711111	
17647	12.8	1.2	18	2	US-09-212	0.711111	
c17648	12.8	1.2	18	3	US-08-864	0.711111	
c17649	12.8	1.2	18	3	US-08-485	0.711111	
17650	12.8	1.2	18	3	US-08-778	0.711111	
c17651	12.8	1.2	18	3	US-09-166	0.711111	
c17652	12.8	1.2	18	3	US-09-166	0.711111	
c17653	12.8	1.2	18	3	US-09-166	0.711111	
c17654	12.8	1.2	18	3	US-08-846	0.711111	
c17655	12.8	1.2	18	3	US-08-488	0.711111	
c17656	12.8	1.2	18	3	US-08-488	0.711111	
c17657	12.8	1.2	18	3	US-09-038	0.711111	
c17658	12.8	1.2	18	3	US-09-313	0.711111	
c17659	12.8	1.2	18	3	US-09-313	0.711111	
c17660	12.8	1.2	18	3	US-09-313	0.711111	
c17661	12.8	1.2	18	3	US-09-158	0.711111	
c17662	12.8	1.2	18	3	US-09-440	0.711111	
c17663	12.8	1.2	18	4	US-08-483	0.711111	
c17664	12.8	1.2	18	4	US-08-584	0.711111	
c17665	12.8	1.2	18	4	US-08-488	0.711111	
c17666	12.8	1.2	18	4	US-09-617	0.711111	
c17667	12.8	1.2	18	4	US-08-438	0.711111	
c17668	12.8	1.2	18	4	US-08-488	0.711111	
17669	12.8	1.2	18	4	US-09-422	0.711111	
17670	12.8	1.2	18	4	US-09-422	0.711111	
c17671	12.8	1.2	18	4	US-09-422	0.711111	
17672	12.8	1.2	18	4	US-09-422	0.711111	
c17673	12.8	1.2	18	4	US-09-371	0.711111	
c17674	12.8	1.2	18	5	PCT-US91	0.711111	
c17675	12.8	1.2	18	5	PCT-US91	0.711111	
c17676	12.8	1.2	18	5	PCT-US96	0.711111	
c17677	12.8	1.2	18	5	PCT-US96	0.711111	
5062	14.2	1.3	20	1	US-07-940	0.71	
5063	14.2	1.3	20	1	US-08-050	0.71	
5064	14.2	1.3	20	1	US-08-474	0.71	
5065	14.2	1.3	20	1	US-08-457	0.71	

5066	14.2	1.3	20	1	US-08-452	0.71	
c5067	14.2	1.3	20	2	US-08-619	0.71	
5068	14.2	1.3	20	3	US-09-288	0.71	
c5069	14.2	1.3	20	3	US-09-280	0.71	
5070	14.2	1.3	20	3	US-09-280	0.71	
5071	14.2	1.3	20	3	US-08-983	0.71	
5072	14.2	1.3	20	3	US-09-313	0.71	
c5073	14.2	1.3	20	3	US-09-048	0.71	
c5074	14.2	1.3	20	3	US-09-194	0.71	
5075	14.2	1.3	20	4	US-09-488	0.71	
5076	14.2	1.3	20	4	US-09-798	0.71	
5077	14.2	1.3	20	4	US-09-851	0.71	
c5078	14.2	1.3	20	4	US-09-676	0.71	
c5079	14.2	1.3	20	4	US-08-626	0.71	
c5080	14.2	1.3	20	4	US-09-668	0.71	
c5081	14.2	1.3	20	4	US-09-954	0.71	
c5082	14.2	1.3	20	4	US-09-954	0.71	
5083	14.2	1.3	20	4	US-09-844	0.71	
5084	14.2	1.3	20	4	US-09-322	0.71	
5085	14.2	1.3	20	4	US-09-705	0.71	
c5086	14.2	1.3	20	4	US-09-198	0.71	
c5087	14.2	1.3	20	4	US-09-198	0.71	
5088	14.2	1.3	20	4	US-09-198	0.71	
c1981	15.6	1.4	22	2	US-08-117	0.709091	
1982	15.6	1.4	22	4	US-09-918	0.709091	
1983	15.6	1.4	22	4	US-09-918	0.709091	
c 759	17	1.5	24	3	US-08-906	0.708333	
c 760	17	1.5	24	4	US-09-475	0.708333	
c37343	12	1.1	17	1	US-07-977	0.705882	
c37344	12	1.1	17	1	US-08-146	0.705882	
c37345	12	1.1	17	1	US-07-976	0.705882	
c37346	12	1.1	17	1	US-08-373	0.705882	
c37347	12	1.1	17	1	US-08-373	0.705882	
c37348	12	1.1	17	1	US-08-373	0.705882	
c37349	12	1.1	17	1	US-08-373	0.705882	
c37350	12	1.1	17	1	US-08-752	0.705882	
c37351	12	1.1	17	1	US-08-435	0.705882	
c37352	12	1.1	17	1	US-08-435	0.705882	
c37353	12	1.1	17	1	US-08-435	0.705882	
c37354	12	1.1	17	1	US-08-435	0.705882	
c37355	12	1.1	17	2	US-08-473	0.705882	
c37356	12	1.1	17	2	US-08-725	0.705882	
c37357	12	1.1	17	2	US-08-256	0.705882	
c37358	12	1.1	17	3	US-08-271	0.705882	
37359	12	1.1	17	3	US-09-121	0.705882	
c37360	12	1.1	17	3	US-08-726	0.705882	
c37361	12	1.1	17	3	US-09-135	0.705882	
c37362	12	1.1	17	3	US-09-135	0.705882	
c37363	12	1.1	17	4	US-09-444	0.705882	
37364	12	1.1	17	4	US-09-434	0.705882	
c37365	12	1.1	17	4	US-08-584	0.705882	
37366	12	1.1	17	4	US-08-584	0.705882	
c37367	12	1.1	17	4	US-08-599	0.705882	
c37368	12	1.1	17	4	US-09-597	0.705882	
c37369	12	1.1	17	4	US-09-444	0.705882	
c37370	12	1.1	17	4	US-09-597	0.705882	
c37371	12	1.1	17	4	US-09-371	0.705882	
37372	12	1.1	17	4	US-09-371	0.705882	
c37373	12	1.1	17	4	US-09-371	0.705882	
c37374	12	1.1	17	4	US-09-371	0.705882	

c37375	12	1.1	17	4	US-09-597	0.705882	
37376	12	1.1	17	6	5451505-4	0.705882	
10141	13.4	1.2	19	1	US-08-745	0.705263	
c10142	13.4	1.2	19	4	US-09-375	0.705263	
c10143	13.4	1.2	19	4	US-09-375	0.705263	
3361	14.8	1.3	21	3	US-09-198	0.704762	
c 381	17.6	1.6	25	1	US-08-341	0.704	
c 382	17.6	1.6	25	1	US-08-460	0.704	
c 383	17.6	1.6	25	3	US-08-969	0.704	
c 384	17.6	1.6	25	3	US-09-183	0.704	
c 385	17.6	1.6	25	4	US-09-282	0.704	
c 386	17.6	1.6	25	5	PCT-US94	0.704	
c 161	19	1.7	27	2	US-08-859	0.703704	
c 162	19	1.7	27	4	US-09-225	0.703704	
c 163	19	1.7	27	4	US-09-225	0.703704	
6125	14	1.3	20	1	US-08-446	0.7	
c6126	14	1.3	20	2	US-08-715	0.7	
c6127	14	1.3	20	2	US-08-715	0.7	
6128	14	1.3	20	3	US-08-545	0.7	
c6129	14	1.3	20	3	US-09-487	0.7	
c6130	14	1.3	20	4	US-09-629	0.7	
c6131	14	1.3	20	4	US-09-954	0.7	
6132	14	1.3	20	4	US-09-198	0.7	
6133	14	1.3	20	5	PCT-US94	0.7	